Listing of Claims

1-7 (Canceled)

8. (Currently Amended) A microwave oven, comprising:

a microcomputer; and

a converter which automatically converts one of a plurality of displayed results of an Internet search containing cooking information into a ~~form~~ signal recognizable by the microcomputer in response to a first user signal, wherein the first user signal selects said one of said plurality of displayed results of the Internet search and wherein the converted signal controls the microcomputer to automatically generates a control signal to set the oven to cook food based on the cooking information in response to a second user signal.

9. (Previously Presented) The oven of claim 8, wherein the cooking information configures at least one cooking parameter of the oven, and wherein the food is cooked in accordance with said at least one parameter in response to the second user signal.

10. (Previously Presented) The oven of claim 8, further comprising:

a display for displaying the cooking information.

11. (Canceled)

12. (Previously Presented) The oven of claim 8, wherein the second user signal is generated from activation of a cooking start button.

13. (Currently Amended) The oven of claim 8, further comprising:

a search engine for obtaining the cooking information from [[the]] an Internet site, wherein the signal converter is coupled between the microcomputer and the search engine ~~converter~~.

14. (Currently Amended) The oven of claim 8, wherein the microcomputer receives the converted signal containing the cooking information from the converter based on a data transmission available signal.

15. (Previously Presented) The oven of claim 14, wherein the data transmission available signal indicates that the converter is in a state for sending data to the microcomputer.

16. (Previously Presented) The oven of claim 15, wherein the data transmission available signal assumes a first level when the converter is in a state for sending data to the microcomputer and assumes a second level when the microcomputer is in a state for receiving data from the converter.

17. (Previously Presented) The oven of claim 16, wherein a global interrupt signal is input into the microcomputer when the data transmission available signal assumes said first level.

18. (Previously Presented) The oven of claim 17, wherein a data read control signal is input into the microcomputer when the data transmission available signal assumes said first level.

19. (Previously Presented) The oven of claim 18, wherein the data read control signal is a 1-byte interrupt signal.

20. (Currently Amended) The oven of claim 18, wherein the microcomputer receives the converted signal containing the cooking information in synchronism with a data receive property signal, and wherein the microcomputer recognizes that it is in a ready state to receive data when the data receive property signal assumes a first value and recognizes that it is in a state where data reading has been completed with the data receive property signal assumes a second value.

21. (Previously Presented) The oven of claim 20, wherein the data transmission available signal, the global interrupt signal, the data read control signal, and the data receive property signal are received through different ports of the microcomputer.

22. (Currently Amended) A method for operating a microwave oven, comprising:

displaying results of an Internet search performed by a browser in the oven;

receiving a first user signal selecting of one of the Internet search results;

automatically converting cooking information ~~obtained from the Internet and~~ corresponding to the selected one of the Internet search results into a signal recognizable by a microcomputer in the oven in response to the first user signal; and

receiving a second user signal for cooking food in the oven based on the signal corresponding to the converted cooking information ~~in the response to a second user signal~~.

23. (Canceled)

24. (Previously Presented) The method of claim 22, wherein the second user signal is generated when a cook start button is pressed by the user.

25. (Currently Amended) The method of claim 22, wherein [[a]] the microcomputer controls the oven to cook the food based on a set of control signals.

26. (Previously Presented) The method of claim 25, wherein a first control signal allows the microcomputer to sense an operational state of a signal converting unit.

27. (Previously Presented) The method of claim 26, wherein the microcomputer recognizes a data transmission zone of the signal converting unit when the first control signal assumes a first level and recognizes a data transmission zone of the microcomputer the first control signal assumes a second level.

28. (Previously Presented) The method of claim 27, wherein a second control signal is a global interrupt signal which is input into the microcomputer when the first control signal assumes said first level.

29. (Previously Presented) The method of claim 27, wherein a third control signal is data read control signal which is input into the microcomputer when the first control signal assumes said first level.

30. (Previously Presented) The method of claim 28, wherein the data read control signal is a 1-byte interrupt signal.

31. (Previously Presented) The method of claim 28, wherein the microcomputer recognizes that it is in a ready state to receive data when a fourth control signal assumes a first value and recognizes that it is in a state where data reading has been completed with the fourth control signal assumes a second value.

32. (Previously Presented) The method of claim 30, wherein the first, second, third, and fourth control signals are received through different ports of the microcomputer.

33. (New) An Internet microwave oven comprising:

an access unit, connected to a communication line, for accessing the Internet;

a search engine to perform a search for cooking information when the Internet is accessed through the access unit;

a microcomputer;

a display unit for displaying results of the Internet search; and

a signal converting unit for receiving downloaded cooking information associated with one of the displayed results and for automatically converting the downloaded cooking information into a signal capable of being recognized by the microcomputer when said one of the displayed results is selected by a user, said signal corresponding to the converted cooking information controlling the microcomputer to automatically set the oven to perform a cooking operation in response to a user signal.

34. (New) The Internet microwave oven of claim 33, wherein the access unit is a modem.

35. (New) The Internet microwave oven of claim 33, wherein the search engine is an Internet browser.

36. (New) The Internet microwave oven of claim 33, wherein the display unit is a liquid crystal display (LCD).

37. (New) The Internet microwave oven of claim 33, wherein the microcomputer recognizes a data transmission zone of the signal converting unit if a high

signal generated by the signal converting unit is applied to the microcomputer, while the microcomputer recognizes a data transmission zone of the microcomputer if a low signal is applied to the microcomputer.

38. (New) The Internet microwave oven of claim 33, wherein the search engine and the signal converting unit perform data communication in accordance with RS-232C communication standards.